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COMPANY: USPTO	APRIL 28, 2006		
FACSIMILE NUMBER: 571-273-8300	TOTAL NO. OF PAGES INCLUDING COVER:		
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RE:	RECIPIENTS REFERENCE NUMBER:		
Supplemental Information Disclosure Statement	10/661,652		

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No. 8402 P. 2

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. Application Number 10/661.652 Filing Date TRANSMITTAL September 12, 2003 First Named Inventor FORM Richard T. Knadle Art Unit 2821 Examiner Name DINH, TRINH VO (to be used for all correspondence after initial filling) Attorney Docket Number 022,0008 (1630) Total Number of Pages in This Submission **ENCLOSURES** (Check all that apply) After Allowance Communication to TC Fee Transmittal Form Drawing(s) Appeal Communication to Board Licensing-related Papers of Appeals and Interferences Fee Attached Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) Petition Amendment/Reply Petition to Convart to a Proprietary Information After Final Provisional Application Power of Attorney, Revocation Status Letter Affidavits/declaration(s) Change of Correspondence Address Other Enclosure(s) (please identify Terminal Disclaimer Extension of Time Request below): PTO/SB/08A including 5 references Request for Refund Express Abandonment Request CD, Number of CD(s) Information Disclosure Statement Landscape Table on CD Certified Copy of Priority Remarks Document(s) Reply to Missing Parts/ Incomplete Application Reply to Missing Parts under 37 CFR 1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm Name Ingrassia Fisher & Lorenz, PC Signature Printed name Timothy J. Lorenzi Reg. No. Date 04 41,954 28 CERTIFICATE OF TRANSMISSION/MAILING I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below: Skinature Date Timothy J. Loren ط٥١ Typed or printed name

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APR 2 8 2006

P. 3

UTILITY PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Richard T. KNADLE JR. Group Art Unit: 2821

Serial No.:

10/661,652

Examiner: DINH, TRINH VO

Filed:

September 12, 2003

Atty Docket No.: 022.0008 (1630)

For: DIRECTIONAL ANTENNA ARRAY

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment Commissioner for Patents P O Box 1450 Alexandria, VA 22313-1450

Commissioner:

In accordance with 37 C.F.R. 1.56 and in a manner prescribed by 37 C.F.R. 1.97 and 1.98, this Information Disclosure Statement (IDS) is being submitted herewith for consideration by the United States Patent and Trademark Office.

I. CONTENT

This IDS includes:

- A list of all patents, publications, applications, or other information submitted for consideration by the Office on PTO/SB/08A Form, which is included herewith;
- If required, a legible copy of: (i) each foreign patent; (ii) each publication or that portion which caused it to be listed; and (iii) each cited pending U.S. application, the application specification including claims, and any drawing of the application, or that portion of the application which caused it to be listed including any claims directed to that portion; and (iv) all other information or that portion which caused it to be listed, unless subsequently provided in this IDS.

05/01/2006 TL0111 00000055 502091 10661652

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П.	CON	ICISE EXPLANATION OF THE RELEVANCE (check at least one box)			
		Except as may be subsequently indicated in this section II, a concise explanation is not required as all of the patents, publications, applications of other information are in the English language, or the degree of relevance of each is indicated in the English language version of the International Search Report, which accompanies this IDS.			
		A concise explanation of the relevance, as it is presently understood by the individual designated in 1.56(a) most knowledgeable about the content of the information, of all patents, publications, applications or other information listed that is not in the English language.			
		copy of the translation of a non-English Language document, or portionereof is enclosed with this IDS (e.g., a translation of an abstract).			
		Any patent, publication, pending application or other information that i listed on PTO/SB/08A Form, which are not enclosed herewith were previously cited by or submitted to the Office in one of the following applications that has been relied on for an earlier effective filing date unde 35 U.S.C 120 and the IDS submitted in the earlier application complies with paragraphs (a) through (c) of 1.98:			
		U.S. Application Serial No. U.S. Filing Date			
III.	THIS	OS IS BEING FILED UNDER 37 C.F.R. 1.97(b): (check one box)			
		Within three months of the filing date of a national application other than a continued prosecution application under 1.53(d).			
		Within three months of the date of entry of the national stage as set forth in 1.491 in an international application.			
		Before the mailing date of a first Office Action on the merits. In the event that a first Office Action on the merits has been mailed, please consider this DS under 37 C.F.R. 1.97(c) and see the statement under 1.97(e) or charge deposit account 50-2091 the fee specified by 37 C.F.R. 1.17(p) if such statement is not selected in Section VI.			
		Before the mailing of a first Office Action after the filing of a request for continued examination under 1.114.			

17.	THE	IS IDS IS BEING FILED UNDER 37 C.F.R. 1.97(c):		
		After the period specified in 37 C.F.R. 1.97(b) and before the mailing date of any of a final action under 1.113, a notice of allowance under 1.311 or an action that otherwise closes prosecution in the application, and accompanied by:		
		a statement specified in 1.97(e) as subsequently provided in this IDS; or		
		the fee set forth in 1.17(p).		
v.	THIS	IDS IS BEING FILED UNDER 37 C.F.R. 1.97(d):		
	\boxtimes	After the period specified in 37 C.F.R. 1.97(c) and on or before the payment of the issue fee, and it is accompanied by a statement specified in 1.97(e) as subsequently provided in this IDS <u>and</u> the fee set forth in 1.17(p).		
VI.		ment under 37 C.F.R. 1.97(e) (check only one box) undersigned hereby states that:		
		Each item of information contained in the IDS was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this IDS.		
		No item of information contained in the IDS was cited in a communication from a foreign patent office in a counterpart foreign application, and, to knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the IDS was known to any individual designated in 37 C.F.R. 1.56(c) more than three months prior to the filing of this IDS.		
VII.	Stater	nent under 37 C.F.R. §1.704(d)		
		The undersigned hereby states that each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart application and that this communication was not received by any individual designated in 37 C.F.R. §1.56(c) more than thirty days prior to the filing of the information disclosure statement.		
VIII.	PAYN	MENT OF FEES (check one box)		
		A check in the amount of \$ is enclosed for fees due with respect to this IDS.		
		Please charge Deposit Account No. 50-2091 in the amount of \$180.00 for the fees due with respect to this IDS.		

IX. CONCLUSION

It is respectfully submitted that the claims presently on file patently distinguish the present invention from each of these references cited in this IDS. The references cited in this IDS are being cited only in the interests of candor and without any admission that they constitute statutory prior art or contain matter which anticipates the invention or which would render the same obvious, either singly or in a combination, to a person of ordinary skill in the art. Furthermore the filing of this IDS should not be construed to be an admission that the information cited in this IDS is, or is considered to be, material to patentability as defined in 1.56(b). In addition, the filing of this IDS should not be construed as a representation that a search has been made.

If the Examiner has any questions concerning these IDS, the Examiner is requested to contact the undersigned at the telephone number associated with Customer No. 29,906. If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule, with a petition if necessary, and charge the appropriate fee to Deposit Account No. 50-2091.

Please charge any additional fees or credit any overpayment related to this IDS to Deposit Account No. 50-2091.

Respectfully submitted,

Date: <u>04</u>	28/0	<u>) (</u>	Ву:	Timothy Reg. No	J. Lorenz . 41,954	
Ingrassia Fis	her &]	Lorenz				
Customer Nu	amber 2	29906				
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Enclosures:	\boxtimes	PTO/SB/08A				
	\boxtimes	References				
		Foreign Search Re	port			
		Fee	_			
		Other:				

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Apr. 28. 2006 1:23PM INGRASSIA FISHER & LORENZ PC

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Sheet 11

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

	Complete if Known		
	Application Number	10/661,652	
	Filling Date	September 12, 2003	
	First Named Inventor	Richard T. Knadle JR.	
	Art Unit	2821	
	Examiner Name	DINH, TRINH VO	
•	Attorney Docket Number	022 0008 (1630)	

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Examiner Initiala*	Cite No.1	Document Number Number-Kind Code ^{2 (Floore)}	Publication Date MM-OD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	 -	US- 0.047 000 D4	00/00/0000	HODOMEZ at al	
		^{US-} 6,617,962 B1	09/09/2003	HOROWITZ et al.	
		^{US-} 6,127,928 A	10/03/2003	ISSACMAN et al.	
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		FORE	IGN PATENT DOCL	JMENTS		
Examinar Inhlels*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Unes, Where Relevant Passages	
		Country Code ³ Number ⁴ "Kind Code ³ (F known)	MM-DD-YYYY		Or Relevant Figures Appear	I.s
		EP1209615 A	05/29/2002	Advanced Mircrowave		
		EP0598624 A	05/25/1994	British Technology Group		
		WO/2004/015625 A	02/19/2004	BNC IP Switzerland	The state of the s	
		WO/1998/37596 A	08/27/1998	LUSIGNAN et al		
		JP2001109853	04/20/2001	Toshiba Corp.		
	1		01/31/2006			

Examiner	Date	ĺ
Signature	Considered	
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